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Author Index and Subject Index A-I

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Microbiology Abstracts

Section B Bacteriology

Annual Author and Subject

INDEXES

to Volume 13 1978

Part 1 Author Index and Subject Index A-I

Editor Nicola D. Eglinton

Assistant editor Shirley Wayne



ISSN 0300-8398

Compiled by

Information Retrieval

London & Washington DC.

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Preface

These indexes are cumulations of the monthly indexes from the 1978 volume of Microbiology Abstracts Section B.

The **Subject Index** is compiled in the following way. For each document the indexer selects indexing terms from fixed lists of keywords which are continually updated. From these selected terms word chains are constructed, the word order being determined by the indexer. It is these word chains which make up the **Subject Index** entries.

The index terms used to create the **Subject Index** plus additional terms selected by the indexer to further describe and define the document are also present as a search tool in the IRL database.

The following conventions apply to all terms used in the **Subject Index**:

- (1) Latin binomials are used for all taxonomic terms except laboratory animals, livestock and pets.
 - (2) Enzyme names follow the 1972 recommendations of the IUPAC and IUB.
 - (3) Bacterial taxonomy follows *Bergey's Manual of Determinative Bacteriology* (8th ed.) as far as is practicable. The authors' terminology is used when there is no direct or obvious equivalent in Bergey. Where classification is still under debate or the 'incorrect' version of a name is still widely used, both versions appear in the index and are cross-referred.
 - (4) Drugs are indexed mainly under their common or generic names, avoiding trade names.
 - (5) Diseases are indexed under their most commonly used names, with reference to *Dorland's Illustrated Medical Dictionary* (25th ed.).
 - (6) Geographical terms are according to the *Geographic Authority List for the Aquatic Sciences and Fisheries Information System* (ASFIS-GA--1(rev.1)).
-

1. The first part of the problem is to find the value of the function $f(x)$ at the point $x = 1$. The function is defined by the formula $f(x) = x^2 + 2x - 3$. Substituting $x = 1$ into the formula, we get $f(1) = 1^2 + 2 \cdot 1 - 3 = 1 + 2 - 3 = 0$. Therefore, the value of the function at $x = 1$ is 0.
2. The second part of the problem is to find the value of the function $f(x)$ at the point $x = 2$. Substituting $x = 2$ into the formula, we get $f(2) = 2^2 + 2 \cdot 2 - 3 = 4 + 4 - 3 = 5$. Therefore, the value of the function at $x = 2$ is 5.
3. The third part of the problem is to find the value of the function $f(x)$ at the point $x = 3$. Substituting $x = 3$ into the formula, we get $f(3) = 3^2 + 2 \cdot 3 - 3 = 9 + 6 - 3 = 12$. Therefore, the value of the function at $x = 3$ is 12.
4. The fourth part of the problem is to find the value of the function $f(x)$ at the point $x = 4$. Substituting $x = 4$ into the formula, we get $f(4) = 4^2 + 2 \cdot 4 - 3 = 16 + 8 - 3 = 21$. Therefore, the value of the function at $x = 4$ is 21.
5. The fifth part of the problem is to find the value of the function $f(x)$ at the point $x = 5$. Substituting $x = 5$ into the formula, we get $f(5) = 5^2 + 2 \cdot 5 - 3 = 25 + 10 - 3 = 32$. Therefore, the value of the function at $x = 5$ is 32.

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